

ABSTRACT

An apparatus and method for hydraulically interconnecting the reservoir of a water dispenser with an ice maker or a water chiller of a refrigerator. Each water delivery system of the refrigerator is modified by replacing the water supply line solenoid valve with an electrical pump. The hydraulic output of the pump is connected to the water recharge line, leading either to the ice maker or to the water chiller. The wiring harness formerly connected to the solenoid is connected directly to the pump motor. An adapter including a bottle support ring is installed between the water bottle and the dispenser. A water supply line passes transversely through support ring. A feed portion of the water supply line is immersed in the water contained within the dispenser. A delivery portion of the water supply line extends outside the dispenser, and is interconnected to the hydraulic input of the new water pump.